

ABSTRACT OF THE DISCLOSURE

A surface acoustic wave device using second leaky surface acoustic waves the dominant component of which is a longitudinal wave component includes a LiTaO_3 substrate and a conductive film formed on the LiTaO_3 substrate. The density ρ of the conductive film is in the range of about $2,699 \text{ kg/m}^3$ to about $19,300 \text{ kg/m}^3$.